IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroyuki ABE

Application No.: New U.S. Application

Filed: March 25, 2004 Docket No.: 118986

For: ELECTRO-OPTIC DEVICE, METHOD TO MANUFACTURE THE SAME AND

ELECTRONIC APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of the non-English language reference 1 is discussed in the present specification.
- 3. An English-language Abstract of the non-English language reference 1 is attached hereto.
- 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 1.

Respectfully submitted,

James A. Oliff Registration No. 27,075

Michael Britton Registration No. 47,260

JAO:MB/mlo

Date: March 25, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

REV. 8-83) PATENT & TRADEMARK OFFICE DISPORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)												
(Use several sheets if necessary) APPLICANT(S) Hiroyaki ABE FILING DATE MARCH 25, 2004 U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS CLASS TOTHER DOCUMENT NUMBER DATE COUNTRY CLASS	Form PTO-1449 (REV. 8-83)											
EXAMINER OTHER DOCUMENTS (Including Author, Title, Dize, Pertinent Pages, etc.) EXAMINER OTHER DOCUMENTS (Including Author, Title, Dize, Pertinent Pages, etc.) EXAMINER Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	INFOR	RMATI	ON DISCLOSURE STATEMENT	Ì								
EXAMINER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED EXAMINER DATE CONSIDERED	(Use several sheets if necessary)				APPLICANT(S) Hiroyuki ABE							
EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB CLASS CLASS SUB CLASS A DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLA							GROUP					
EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB CLASS CLASS SUB CLASS A DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLA			U.S. P.	ATE	NT DOCU	JMENTS						
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in							NAME	NAME				
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											_	
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in								_				
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		_				-						
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	 -	L	CORFICE	IDA	TENT DO	CI II CENTE				l l		
DOCUMENT NUMBER DATE COUNTRY CLASS CLASS 1. JP A 11-281943 w/abstract & 10/15/1999 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		Γ	FOREIGN	N PA	IENI DO	COMENTS		•		l I	CLID	
Transl. OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			DOCUMENT NUMBER	DATE			COUNT	RY		CLASS		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		1.		10/15/1999		JAPAN						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in							 					
EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		<u> </u>	OTHER DOCUMENTS (Inclu	uding	2 Author.	Title, Date, P	ertinent Page	s. etc.)			., . <u></u>	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in					,			-,,		·		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in												
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											·	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in							·····					
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	EXAMINER							DATE C	ONSIDI	ERED		
	Examiner: In	itial if	citation considered, whether or not cita ance and not considered. Include copy of	tion this	is in con	formance wi	th M.P.E.P.	609; draw	v line th	rough citati	on if not in	

Sheet 1 of 1

Date: March 25, 2004